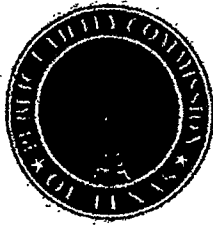


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## Public Utility Commission of Texas

### Employee Training Report Required by 16 Texas Admin. Code § 25.97(d)

2020 APR 27 AM 11:14

PUBLIC UTILITY COMMISSION  
FILING CLERK

**PROJECT NO.** 50595

**AFFECTED ENTITY:** RAYBURN COUNTRY ELECTRIC  
COOPERATIVE INC.

#### General Information

Pursuant to 16 Texas Admin. Code § 25.97(d)(2), not later than the 30th day after the date an affected entity finalizes a material change to a document or training program, the affected entity must submit an updated report. The first report must be submitted not later than May 1, 2020.

#### Instructions

Answer all questions, fill-in all blanks, and have the report notarized in the Affidavit.

#### Affidavit

A representative of the affected entity must swear to and affirm the truthfulness, correctness, and completeness of the information provided by attaching a signed and notarized copy of the Affidavit provided with this form.

#### Filing Instructions

Submit four copies (an original and three copies) of the completed form and signed and notarized Affidavit to:

Central Records Filing Clerk  
Public Utility Commission of Texas  
1701 N. Congress Avenue  
P.O. Box 13326  
Austin, Texas 78711-3326  
Telephone: (512) 936-7180

Affected Entity: RAYBURN COUNTRY ELECTRIC  
COOPERATIVE INC.

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1. Provide a summary description of hazard recognition training documents you provide your employees related to overhead transmission and distribution facilities.

Rayburn operations employees were provided a access to a TEC webinar on "Engineering issues related to HB4150", all handouts, and a course description.

Webinar handout pages 10-20 discuss Hazard recognition and NESC clearances.

Webinar Title:

Engineering Issues related to WILLIAM THOMAS HEATH POWER LINE SAFETY ACT – HB 4150

Webinar Description

HB 4150 requires electric utilities to review the vertical clearances of their transmission and distribution lines crossing certain lakes. Lines identified to be non-compliant with the NESC in effect at the time the line was constructed or not meeting the USACE permit requirements, must be brought into compliance by December 31, 2021.

In addition, electric utilities must provide a 5-year plan for inspecting the vertical clearance of transmission lines greater than 60kV.

This webinar provides a discussion of the NESC Section 232-Vertical Clearances as it relates to transmission line clearances, determining worse case sag for existing lines, and clearance for distribution/transmission crossing of lakes.

The webinar also presented an overview of inspection methods for transmission line vertical clearances and power lines crossing lakes.

Webinar Objectives:

1. Review requirements of HB 4150
2. Discussion of NESC/USACE required clearances over the lakes listed in Section 4 of HB4150.
3. Overview of inspections methods for transmission and distribution lines crossing lakes.
4. Evaluation of software options available to determine clearances of lake crossings.

Affected Entity: RAYBURN COUNTRY ELECTRIC  
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2. Provide a summary description of training programs you provide your employees related to the National Electrical Safety Code for construction of electric transmission and distribution lines.

Rayburn will utilize TEC's Co-Operative Regional Education program instructor-led workshops to provide the following instruction to applicable employees.

**Hazard Recognition**

Provide Rayburn operations personnel with the knowledge to recognize clearance hazards of overhead power lines.

**Course outline:**

- Importance of hazard recognition for overhead power lines
- Vertical and horizontal clearance requirements
- Importance of an intact system grounding system
- Isolation or/and grounding of anchor guys
- Hazard assessment management
  - > Defining criteria for hazard assessment and data collection
  - > Analyzing data and determining appropriate actions
  - > Preparing and executing an action plan
- Report documentation and record maintenance

**NESC Clearance Requirements**

Educate Rayburn personnel whose positions require a working knowledge of the NESC rules, which include engineers, line workers.

**Course outline:**

- Defining sag requirements-Rule 230 2
- Ground clearances-Table 232-1 and 232-2
- Clearances to building and signs-Table 234-1
- Clearances to pools and grain bins-Rule 234E and 234F
- Joint use clearances-Rule 235, 238, and 239

**NESC Clearance Review of Existing Transmission Lines**

This training will provide Rayburn operations personnel the skill sets necessary to inspect transmission lines as related to NESC Section 232-Vertical Clearances

**Course outline:**

- Rule 232B sag and tension definition
- Rule 232 vertical clearance above ground and water surfaces
- Rule 233 vertical clearance from other utilities
- Identification of activity below the utility line
- Example problems using Sag10, Effect of long and short spans
  - > Effect of grade along the line
- Determining the tension of an existing line
  - > Sag measurements
  - > Calculation of tension based on sag
- Use of software to determine ground elevations
- Example problems

Affected Entity: RAYBURN COUNTRY ELECTRIC  
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PROJECT NO. 50595 §

### AFFIDAVIT

I swear or affirm that I have personal knowledge of the facts stated in this report or am relying on people with personal knowledge, that I am competent to testify to them, and that I have the authority to submit this report on behalf of the affected entity. I further swear or affirm that all statements made in this report are true, correct, and complete.

Signature

Stephen Geiger

Printed Name

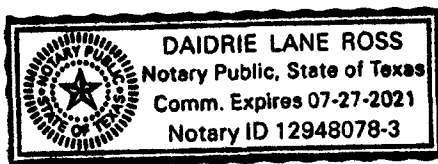
Chief Operating Officer

Job Title

RAYBURN COUNTRY ELECTRIC COOPERATIVE INC.

Name of Affected Entity

Sworn and subscribed before me this 21 day of April, 2020.  
Month Year



Daidrie Lane Ross

Notary Public in and For the State of Texas.

My commission expires on 7/27/2021.